

Scaled data based on original data using
LM-79-2019 Approved Method: Electrical and Photometric Measurements of Solid-
State Lighting Products

Test Report Prepared for

Cooper Lighting Solutions

Brand: PORTFOLIO

Report Number: P774796

Luminaire Tested: LD6D95BD010-EU6DR7070959024-6LBDP1B

Issue Date: 2/5/2024

Test Information

Test Method: LM-79-2019
Report Number: P774796
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2307-078-73)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 2/5/2024
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: PORTFOLIO
Catalog Number: LD6D95BD010-EU6DR7070959024-6LBDP1B
Description: 6 INCH ROUND DEEP 45° CUTOFF SPECULAR BLACK TRIM, WITH 70° OPTIC
Light Source: (1) HIGH LUMEN LED 90CRI / 2400K CCT
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 5626.6 lumens
Efficiency: N/A
Efficacy: 56.7 lumens/watt
Spacing Criteria (0/90/45): 0.88 / 0.88 / 0.82
Luminous Opening: Circular (Dia: 0.35' x H: 0')
CIE Type: Direct

Input Watts (W): 99.2
Input Voltage (V): NR
Input Current (A_{in}): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT

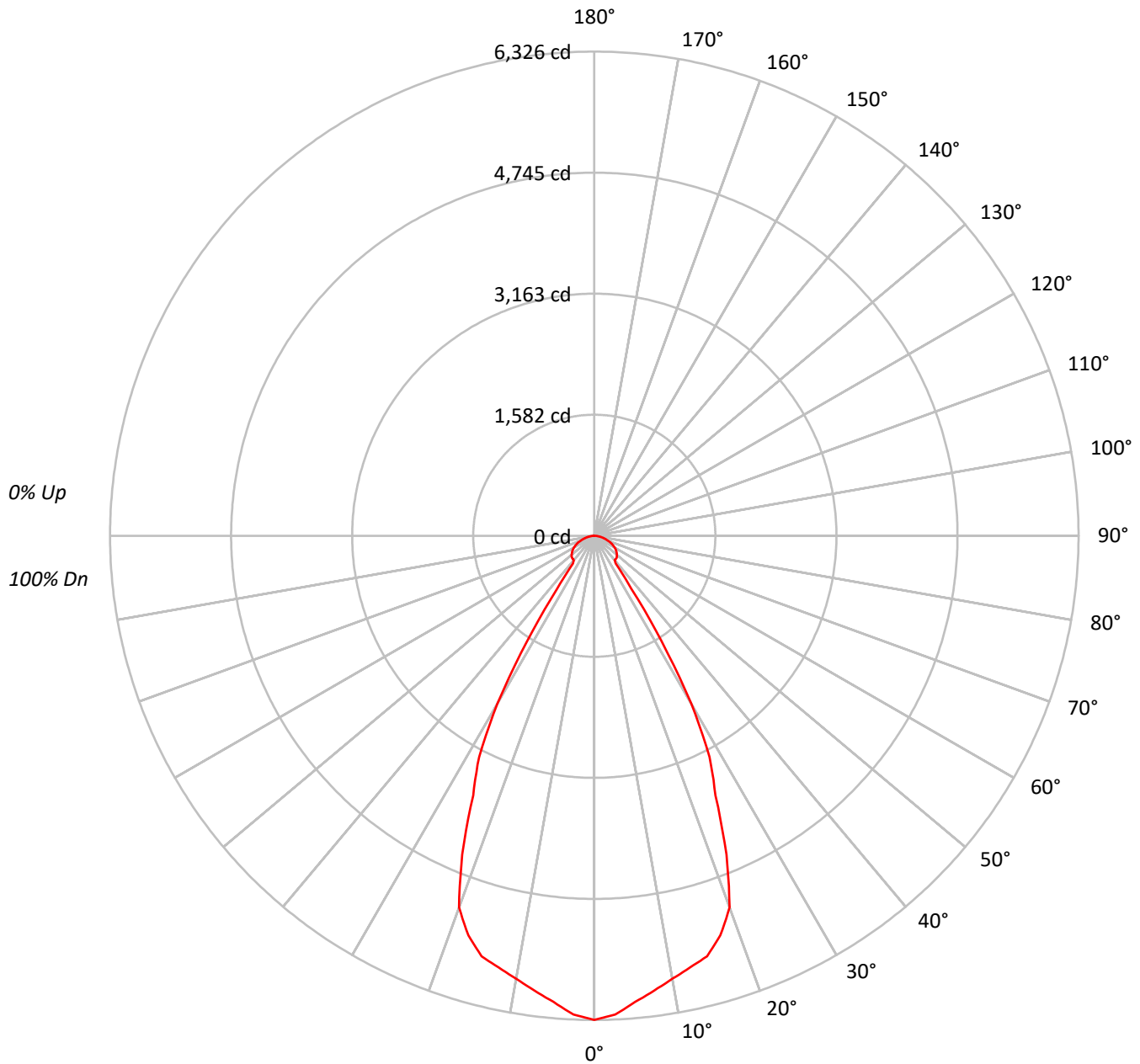


Downlight

TEST NUMBER: P774796

CATALOG NUMBER: LD6D95BD010-EU6DR7070959024-6LBDP1B

Luminous Intensity Polar Plot





TEST NUMBER: P774796

CATALOG NUMBER: LD6D95BD010-EU6DR7070959024-6LBDP1B

COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20
RC	80				70				50				30				10
RW	70	50	30	10	70	50	30	10	50	30	10		50	30	10		50
RCR																	
0	119	119	119	119	116	116	116	116	111	111	111		106	106	106		102
1	112	109	106	103	110	107	104	102	103	101	99		99	97	96		95
2	106	100	95	91	103	98	94	90	95	91	88		92	89	86		89
3	100	92	87	82	98	91	86	81	88	84	80		86	82	79		83
4	94	86	80	75	92	85	79	74	82	77	73		80	76	73		78
5	89	80	74	69	87	79	73	69	77	72	68		75	71	67		74
6	85	75	68	64	83	74	68	64	73	67	63		71	66	63		70
7	80	70	64	59	79	70	64	59	68	63	59		67	62	59		66
8	77	66	60	56	75	66	60	56	65	59	55		64	59	55		63
9	73	63	57	52	72	62	56	52	61	56	52		60	55	52		60
10	70	59	53	49	69	59	53	49	58	53	49		57	52	49		57

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	691173
5°	670638
10°	651943
15°	643387
20°	600794
25°	451337
30°	319067
35°	113015
40°	59434
45°	63291
50°	65544
55°	66767
60°	67195
65°	65771
70°	62071
75°	57497
80°	51029
85°	41495

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 57.5°

Luminance: 67208 cd/sqm



TEST NUMBER: P774796

CATALOG NUMBER: LD6D95BD010-EU6DR7070959024-6LBPD1B

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	576.7	10.3
10°-20°	1582.0	28.1
20°-30°	1742.3	31.0
30°-40°	665.7	11.8
40°-50°	314.3	5.6
50°-60°	312.5	5.6
60°-70°	250.2	4.4
70°-80°	143.8	2.6
80°-90°	39.1	0.7
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-30°	3901.0	69.3
0°-40°	4566.7	81.2
0°-60°	5193.5	92.3
0°-90°	5626.6	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	5626.6	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	6326	
5°	6115	577
15°	5688	1582
25°	3744	1742
35°	847	666
45°	410	314
55°	350	312
65°	254	250
75°	136	144
85°	33	39
90°	0	



TEST NUMBER: P774796

CATALOG NUMBER: LD6D95BD010-EU6DR7070959024-6LBDP1B

CANDELA DISTRIBUTION (FULL):

0°	
0°	6325.9
2.5°	6259.8
5°	6114.6
7.5°	5993.4
10°	5876.2
12.5°	5777.0
15°	5687.9
17.5°	5472.6
20°	5167.1
22.5°	4508.0
25°	3743.8
27.5°	3259.1
30°	2529.0
32.5°	1633.6
35°	847.3
37.5°	457.7
40°	416.7
42.5°	413.6
45°	409.6
47.5°	400.6
50°	385.6
52.5°	368.6
55°	350.5
57.5°	330.5
60°	307.5
62.5°	281.4
65°	254.4
67.5°	224.4
70°	194.3
72.5°	164.3
75°	136.2
77.5°	107.2
80°	81.1
82.5°	57.1
85°	33.1
87.5°	13.0
90°	0.0



Report Generated By 670245859 / DESKTOP-T8S5UU9





— 0°-180°







(END OF REPORT)